



STATE OF IOWA
MASTER AGREEMENT

MA# 005 CT2956MVWL 4

EFFECTIVE BEGIN DATE: 08-26-2005
EXPIRATION DATE: 08-31-2007
PAGE: 1 of 4

BUYER : ASHLEY SUPER
ashley.super@iowa.gov
515-281-7073

FOB FOB Dest, Freight Prepaid

PAYMENT TERMS (%): DAYS:

VENDOR:

WRIGHT LINE LLC
Attn: Matthew Zepeda
6750 Westown Pkwy
West Des Moines, IA 50266
USA

VENDOR CONTACT:

Carol Stovall
PHONE: 508-852-4300 EXT:
EMAIL: carol.stovall@wrightline.com
VENDOR #: 03047126800

DESCRIPTION OF ITEMS CONTRACTED

Computer Racks per Bid BD80500S363 attached.
THIS MA DOCUMENT FOR PAYMENT PURPOSES ONLY
SEE ACTUAL SIGNED CONTRACT ATTACHED.

RENEWAL PERIODS

FROM 09-01-2006 TO 08-31-2007
FROM 09-01-2007 TO 08-31-2008
FROM 09-01-2008 TO 08-31-2009
FROM 09-01-2009 TO 08-31-2010
FROM 09-01-2010 TO 08-31-2011

THRESHOLDS

MINIMUM ORDER AMOUNT:
MAXIMUM ORDER AMOUNT:
NOT TO EXCEED AMOUNT:

AUTHORIZED DEPARTMENT

ALL
SUB Political Sub-divisions

TOTAL \$0.00

VENDOR: _____

APPROVED BY: _____

THIS MA IS SUBJECT TO THE TERMS AND
CONDITIONS ATTACHED HERETO.
PLEASE SEE ATTACHMENTS FOR
FURTHER DESCRIPTIONS.



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LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
1	0.00000		2046459	\$0.000000
			RACKS, COMPUTER EQUIPMENT	\$0.000000



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TERMS AND CONDITIONS

Incorporation

The Request for Proposal and/or bid documents for this project and the vendor's proposal in response to the RFP or Bid together with any clarifications, attachments, appendices, or amendments of the State or the Vendor are incorporated into this Contract by reference as if fully set forth in this Contract.

Remedies upon Default

In any case where the vendor has failed to deliver or has delivered non-conforming goods and/or services, the State shall provide a cure notice. The notice to cure shall state the maximum length of time the vendor has to cure. If after the time period stated in the notice to cure has passed, the vendor continues to be in default, the State may procure goods and/or services in substitution from another source and charge the difference between the contracted price and the market price to the defaulting vendor. The State's Attorney General shall be requested to make collection from the defaulting vendor.

Force Majeure

Force majeure includes acts of God, war, civil disturbance and any other causes which are beyond the control and anticipation of the party affected and which, by the exercise of reasonable diligence, the party was unable to anticipate or prevent. These provisions of force majeure also apply to subcontractors or suppliers of the Vendor. Force majeure does not include financial difficulties of the Vendor or any associated company of the Vendor, or claims or court orders that restrict the Vendor's ability to deliver the goods or services contemplated by this Agreement. Neither the Vendor nor the State shall be liable to the other for any delay or failure of performance of this Agreement caused by a force majeure, and not as a result of the fault or negligence of a party.

Subcontractors

The successful vendor shall be responsible for all acts and performance of any subcontractor or secondary supplier that the successful vendor may engage for the completion of any contract with the State. A delay that results from a subcontractor's conduct, negligence or failure to perform shall not exempt the vendor from default remedies. The successful vendor shall be responsible for payment to all subcontractors and all other third parties.

Termination-Non-Appropriation

Notwithstanding any other provision of this contract, if funds anticipated for the continued fulfillment of this contract are at any time not forthcoming or insufficient, either through the failure of the State to appropriate funds, discontinuance or material alteration of the program for which funds were provided, then the State shall have the right to terminate this contract without penalty by giving not less than thirty (30) days written notice documenting the lack of funding, discontinuance or program alteration.

Immunity of State/Fed Agencies

The vendor shall defend and hold harmless the State and Federal funding source for the State of Iowa from liability arising from the vendor's performance of this contract and the vendor's activities with subcontracted and all other third parties.

Assignment

Vendors may not assign contracts or purchase orders to any party (including financial institutions) without written permission of the General Services Enterprise - Purchasing.

Anti-Trust Assignment

For good cause and as consideration for executing this purchase order, the vendor, through its duly authorized agent, conveys, sells, assigns, and transfers to the State of Iowa all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States and the State of Iowa, relating to the particular goods or services purchased or acquired by the State of Iowa pursuant to the using State of Iowa agency.

Delivery and Acceptance

When an award has been made to a vendor and the purchase order issued, deliveries are to be made in the following manner.

A. Deliveries - All deliveries are to be made only to the point specified on the purchase order. If delivery is made to any other point, it shall be the responsibility of the vendor to promptly reship to the correct location. Failure to deliver procured goods on time may result in cancellation of an order or termination of a contract at the option of the State.

B. Delivery Charges - All delivery charges should be to the account of the vendor whenever possible. If not, all delivery charges should be prepaid by vendor and added to the invoice.

C. Notice of Rejection - The nature of any rejections of a shipment, based on apparent deficiencies disclosed by ordinary methods of inspection, will be given by the receiving agency to the vendor and carrier within a reasonable time after delivery of the item, with a copy of this notice to the General Services Enterprise - Purchasing. Notice of latent deficiencies which would make items unsatisfactory for the purpose intended may be given by the State of Iowa at any time after acceptance.

Delivery and Acceptance (cont)

D. Disposition of Rejected item - The vendor must remove at the vendor's expense any item rejected by the State. If the vendor fails to remove that rejected item, the State may dispose of the item by offering the same for sale, deduct any accrued expense and remit the balance to the vendor.

E. Testing After Delivery - Laboratory analysis of an item or other means of testing may be required after delivery. In such cases, vendors will be notified in writing that a special test is being made and that payment will be withheld until completion of the testing process.

Title to Goods

The vendor warrants that the goods purchased hereunder are free from all liens, claims or encumbrances.

Indemnification

To the extent that goods are not manufactured in accordance with the State's design, the vendor shall defend, indemnify and hold harmless the State of Iowa, the State's assignees, and other users of the goods from and against any claim of infringement of any Letter Patent, Trade Names, Trademark, Copyright or Trade Secrets by reason of sale or use of any articles purchased hereunder. The State shall promptly notify the vendor of any such claim.

Nondiscrimination

The vendor is subject to and must comply with all federal and state requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.

Warranty

The vendor expressly warrants that all goods supplied shall be merchantable in accordance with the Uniform Commercial Code, Section 2-314 and the Iowa Code, Section 554.2314.

Taxes



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The State of Iowa is exempt from the payment of Iowa sales tax, motor vehicle fuel tax and any other Iowa tax that may be applied to a specified commodity and/or service. Contractors performing construction activities are required to pay state sales tax on the cost of materials. The Iowa Department of Revenue exemption letter will be furnished to a vendor upon request.

Hazardous Material

All packaging, transportation, and handling of hazardous materials shall be in accordance with applicable federal and state regulations including, but not limited to, the Material Safety Data Sheet provision of O.S.H.A. Hazard Communication Standard 29CFR 1910.1200, and Iowa Administrative Code, Chapter 567.

Public Records

The laws of the State of Iowa require procurement records to be made public unless exempted by the Code of Iowa.

Miscellaneous

The terms and provisions of this contract shall be construed in accordance with the laws of the State of Iowa. Any and all litigation or actions commenced in connection with this contract shall be brought in Des Moines, Iowa, in Polk County District Court for the State of Iowa. If however, jurisdiction is not proper in Polk County District Court, the action shall only be brought in the United States District Court for the Southern District of Iowa, Central Division, providing that jurisdiction is proper in that forum. This provision shall not be construed as waiving any immunity to suit or liability, which may be available to the State of Iowa.

If any provision of this contract is held to be invalid or unenforceable, the remainder shall be valid and enforceable.

Records Retention

The vendor shall maintain books, records, and documents which sufficiently and properly document and calculate all charges billed to the State of Iowa throughout the term of this Agreement for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. The vendor shall at, no charge, permit the Auditor of the State of Iowa, or any authorized representative of the State (or where federal funds are involved, the Comptroller General of the United States or any other authorized representative of the United States government) to access and examine, audit, excerpt and transcribe any directly pertinent books, documents, papers, electronic or optically stored and created records, or other records of the vendor relating to orders, invoices, or payments documentation or materials pertaining to this Agreement.

Independent Contractor

The vendor is an independent contractor performing services for the State of Iowa, and as such shall not hold itself out as an employee or agent of the State.

Performance Monitoring

For all service contracts, the requirements of Iowa Code sections 8.47 shall be incorporated into final terms and conditions of the contract.

N60

NET 60 DAYS



Department of Administrative Services
General Services Enterprise

Date: September 5, 2005

1305 East Walnut Street
Hoover State Office Building, Level A
Des Moines, IA 50319-0105

CONTRACT AGREEMENT
No. CT2956MVWL

SHORT FORM CONTRACT

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Vendor	3	
WrightLine, LLC	3	General Contract available
160 Gold Star Blvd	3	to all State Agencies and
Worcester, MA 01606	"	political subdivisions.

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CONTRACT PERIOD - Effective 09-05-05	Terminates 08-30-06
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DESCRIPTION OF ITEMS CONTRACTED

Contract for COMPUTER RACKS pursuant to the specifications, terms and conditions of Bid No. BD80500S363 dated 07-15-2005 and vendor's proposal on file with The Department of Administrative Services, GSE Purchasing, Hoover Building, Level A, Des Moines, Iowa 50319-0105. This contract may be mutually renewed on an annual basis pending satisfactory contractor performance and price stability. Total contract term can not exceed six years.

This contract does not guarantee the contractor any certain volume of sales.

Invoice prices can not exceed those stated unless the contract is formally amended to adjust stated prices for changes in shipping costs.

WRIGHTLINE VANTAGE RACK 36" X 27" X 74".....\$ 846.05 EA
Frame # V4742736; Rack mount rails 19 inch # V574RR1.
Allow 2 to 4 weeks for delivery.

OPTIONS:

Steel lacing or mounting straps # V3LACN74	\$ 40.71 EA
Power strips # LPS6015.....	\$ 221.25 EA
Shelf with mounting hardware # V3RS1928.....	\$ 177.00 EA
Front or Rear Door, Perforated # V3P7427L.....	\$ 288.51 EA
Front or Rear Door, Solid	\$ 405.33 EA
Side panel, Perforated # V4PP7436.....	\$ 152.22 EA
Side panel, Solid	\$ 131.87 EA
Roof-mounted fan tray # V4T27364.....	\$ 253.11 EA
Grounding strap or bus bar # V3CBB74.....	\$ 116.82 EA
Stabilizing or anti-tip plate # V3ATFT00.....	\$ 35.40 EA
Other.....	Mfg Suggested Retail List Price less 11.5 % discount.

TERMS AND CONDITIONS:

- A. PRICES ARE FOB DESTINATION anywhere within Iowa, ship point to final location, unwrapping, and debris removal and all shipping and handling costs included. All delivery charges shall be to the

account of the vendor whenever possible. If not, all delivery charges shall be reimbursed to the State of Iowa.

- B. REMEDIES UPON DEFAULT - In any case where the vendor has failed to deliver or has delivered non-conforming goods and/or services, the State shall provide a cure notice. The notice to cure shall state the maximum length of time the vendor has to cure. If after the time period stated in the notice to cure has passed, the vendor continues to be in default, the State may procure goods and/or services in substitution from another source and charge the difference between the contracted price and the market price to the defaulting vendor. The State's Attorney General shall be requested to make collection from the defaulting vendor.
- C. FORCE MAJEURE - Force majeure includes acts of God, war, civil disturbance and any other causes which are beyond the control and anticipation of the party affected and which, by the exercise of reasonable diligence, the party was unable to anticipate or prevent. These provisions of force majeure also apply to subcontractors or suppliers of the Vendor. Force majeure does not include financial difficulties of the Vendor or any associated company of the Vendor, or claims or court orders that restrict the Vendor's ability to deliver the goods or services contemplated by this Agreement. Neither the Vendor nor the State shall be liable to the other for any delay or failure of performance of this Agreement caused by a force majeure, and not as a result of the fault or negligence of a party.
- D. SUBCONTRACTORS - The successful vendor shall be responsible for all acts and performance of any subcontractor or secondary supplier that the successful vendor may engage for the completion of any contract with the State. A delay that results from a subcontractor's conduct, negligence or failure to perform shall not exempt the vendor from default remedies. The successful vendor shall be responsible for payment to all subcontractors and all other third parties.
- E. TERMINATION-NON-APPROPRIATION - Notwithstanding any other provision of this contract, if funds anticipated for the continued fulfillment of this contract are at any time not forthcoming or insufficient, either through the failure of the State to appropriate funds, discontinuance or material alteration of the program for which funds were provided, then the State shall have the right to terminate this contract without penalty by giving not less than thirty (30) days written notice documenting the lack of funding, discontinuance or program alteration.
- F. IMMUNITY OF STATE/FED AGENCIES - The vendor shall defend and hold harmless the State and Federal funding source for the State of Iowa from liability arising from the vendor's performance of this contract and the vendor's activities with subcontracted and all other third parties.
- G. ASSIGNMENT - Vendors may not assign contracts or purchase orders to any party (including financial institutions) without written permission of the General Services Enterprise - Purchasing.
- H. ANTI-TRUST ASSIGNMENT - For good cause and as consideration for executing this purchase order, the vendor, through its duly authorized agent, conveys, sells, assigns, and transfers to the State of Iowa all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States and the State of Iowa, relating to the particular goods or services purchased or acquired by the State of Iowa pursuant to the using State of Iowa agency.
- I. DELIVERY - All deliveries are to be made only to the point specified on the purchase order. If delivery is made to any other point, it shall be the responsibility of the vendor to promptly reship to the correct location. Failure to deliver procured goods on time may

result in cancellation of an order or termination of a contract at the option of the State.

- J. DELIVERY CHARGES - All delivery charges shall be to the account of the vendor whenever possible. If not, all delivery charges shall be reimbursed to the State of Iowa.
- K. NOTICE OF REJECTION - The nature of any rejections of a shipment, based on apparent deficiencies disclosed by ordinary methods of inspection, will be given by the receiving agency to the vendor and carrier within a reasonable time after delivery of the item, with a copy of this notice to the General Services Enterprise - Purchasing. Notice of latent deficiencies which would make items unsatisfactory for the purpose intended may be given by the State of Iowa at any time after acceptance.
- L. DISPOSITION OF REJECTED ITEM - The vendor must remove at the vendor's expense any item rejected by the State. If the vendor fails to remove that rejected item, the State may dispose of the item by offering the same for sale, deduct any accrued expense and remit the balance to the vendor.
- M. TESTING AFTER DELIVERY - Laboratory analysis of an item or other means of testing may be required after delivery. In such cases, vendors will be notified in writing that a special test is being made and that payment will be withheld until completion of the testing process.
- N. TITLE TO GOODS - The vendor warrants that the goods purchased hereunder are free from all liens, claims or encumbrances. Title to goods and Risk of loss/damage transfers from seller to buyer after delivery and the acceptance by buyer.
- O. INDEMNIFICATION - To the extent that goods are not manufactured in accordance with the State's design, the vendor shall defend, indemnify and hold harmless the State of Iowa, the State's assignees, and other users of the goods from and against any claim of infringement of any Letter Patent, Trade Names, Trademark, Copyright or Trade Secrets by reason of sale or use of any articles purchased hereunder. The State shall promptly notify the vendor of any such claim.
- P. NONDISCRIMINATION - The vendor is subject to and must comply with all federal and state requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
- Q. WARRANTY - The vendor expressly warrants that all goods supplied shall be merchantable in accordance with the Uniform Commercial Code, Section 2-314 and the Iowa Code, Section 554.2314. ALL PRODUCT CARRIES FULL USA OEM WARRANTY
- R. TAXES - The State of Iowa is exempt from the payment of Iowa sales tax, motor vehicle fuel tax and any other Iowa tax that may be applied to a specified commodity and/or service. Contractors performing construction activities are required to pay state sales tax on the cost of materials. The Iowa Department of Revenue exemption letter will be furnished to a vendor upon request.
- S. HAZARDOUS MATERIAL - All packaging, transportation, and handling of hazardous materials shall be in accordance with applicable federal and state regulations including, but not limited to, the Material Safety Data Sheet provision of O.S.H.A. Hazard Communication Standard 29CFR 1910.1200, and Iowa Administrative Code, Chapter 567.
- T. PUBLIC RECORDS - The laws of the State of Iowa require procurement records to be made public unless exempted by the Code of Iowa.
- U. JURISDICTION - The terms and provisions of this contract shall be construed in accordance with the laws of the State of Iowa. Any and

all litigation or actions commenced in connection with this contract shall be brought in Des Moines, Iowa, in Polk County District Court for the State of Iowa. If however, jurisdiction is not proper in Polk County District Court, the action shall only be brought in the United States District Court for the Southern District of Iowa, Central Division, providing that jurisdiction is proper in that forum. This provision shall not be construed as waiving any immunity to suit or liability, which may be available to the State of Iowa. If any provision of this contract is held to be invalid or unenforceable, the remainder shall be valid and enforceable.

V. RECORDS RETENTION - The vendor shall maintain books, records, and documents which sufficiently and properly document and calculate all charges billed to the State of Iowa throughout the term of this Agreement for a period of at least five (5) years following the date of final payment or completion of any required audit, whichever is later. The vendor shall at, no charge, permit the Auditor of the State of Iowa, or any authorized representative of the State (or where federal funds are involved, the Comptroller General of the United States or any other authorized representative of the United States government) to access and examine, audit, excerpt and transcribe any directly pertinent books, documents, papers, electronic or optically stored and created records, or other records of the vendor relating to orders, invoices, or payments documentation or materials pertaining to this Agreement.

W. INDEPENDENT CONTRACTOR - The vendor is an independent contractor performing services for the State of Iowa, and as such shall not hold itself out as an employee or agent of the State.

X. PAYMENTS - Payments via EFT or credit card is acceptable.

FOB POINT	DESTINATION
PAYMENT TERMS:	N60 days
VENDOR CONTACT:	Denis Mahoney or Matthew Zepeda
VENDOR PHONE:	508-852-4300
VENDOR FAX:	508-365-6199
VENDOR EMAIL:	denis.mahoney@wrightline.com matthew.zepeda@wrightline.com
VENDOR I.D. NO.:	03047126800
PURCHASING CONTACT:	Ashley Super
PURCHASING PHONE:	515-281-7073
PURCHASING FAX:	515-242-5974
PURCHASING EMAIL:	Ashley.super@iowa.gov

COMMODITY	UNIT COST	UNIT / DESCRIPTION
2046459	0.000000	See Above

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Purchase Orders to show reference to above Contract Number

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IN WITNESS WHEREOF, the parties have executed this agreement as of the date of signature by State of Iowa below.

For STATE OF IOWA:

Ashley Super, PA III
Department of Admin Services

 9/6/05
Signature Date

For WRIGHTLINE LLC:

Name: Denis Mahoney
Title: VP

 9/2/05
Signature Date

EXECUTIVE SUMMARY

August 11, 2005

On behalf of Wright Line I would like to express my gratitude for the time invested by the State of Iowa and its employees for their input into the adding new technical enclosures in the Data Center. It has long been our experience that this input is invaluable for a successful solution and the implementation of any project.

We feel the mission of this project dictates enclosure solutions to augment the investments being made in technology and growth. In the overall scope of a project of this magnitude, many times, the fiscal procurement for enclosures is a very small percentage of the total. However, it is often the most visible in a Data Center. Very often, customers and/or prospects will be invited to the facilities for tours to experience the technology and layout for the State of Iowa.

Congruent with this mission is the clear aesthetic value of Wright Line's product offerings. Wright Line is the market leader in our industry. Wright Line's manufacturing and world headquarters are located in Worcester, MA where we have been for over 67 years. We have a very strong presence in the information technologies community which includes the enclosure lines in the Data Center's at the Iowa DOT, ADP and Wells Fargo. The sharp, high-tech look of Wright Line's products have always been important in these decisions.

Aesthetics are always important, but if a system is not functional these efforts are fruitless. All of Wright Line's systems have been engineered to organize technology and therefore create an optimal environment for the work flow of the operators. Wright Line has a long history of innovation and establishing the benchmarks which others are measured by. This is highlighted by the State of Iowa having been using the Vantage Enclosure for over 5 years. This decision has been made on aesthetics and functionality. Wright Line has been proven to meet all requirements for the State of Iowa and satisfy all growth demands. This comes from our unique specifications, some to highlight are:

1. Frame constructed of 14 gauge steel. Giving the frame a weight capacity of 1500lbs.
2. Increased modularity to move forward with future growth
3. 19" rack mount capability of all major technical hardware
4. High level of aesthetics
5. Cooling capabilities that exceed all server manufacturer's requirements
6. Limited Lifetime Warranty



REQUEST FOR SEALED BID # BD80500S363

This is Not an Order

To: Potential Bidder:

Please submit bid on **Computer Rack Contract**

No substitutions or specification alterations allowed. Bid is for all or none.

Bid is for One Year Multiple Vendor Contract(s) for Computer Networking and Storage Racks. Awarded Contract(s) shall be available for use by all State of Iowa Agencies and Political Subdivisions within Iowa. No vendor is guaranteed any certain volume of sales. Proposed units must have all the following features and must meet all the following specifications:

The following specifications for computer, networking, and storage cabinets are designed to facilitate the state's needs to efficiently handle equipment mounting, cabling, and grounding within a secure cabinet environment. The cabinet shall be the make and model or an equal to the WrightLine Vantage line of cabinets (www.wrightline.com). Part numbers for the WrightLine Vantage frame and options are specified. Specifications for these cabinets include, but are not limited to, the following requirements and features:

Base Equipment and Features Specifications (WrightLine Vantage or equal – Frame - #

V4742736; Rack mount rails - 19 inch - # V574RR1):

- 1 The cabinet shall be designed to provide a secure, managed environment for computer, networking and storage equipment;
- 2 The cabinet shall conform to the Electronics Industry Association (EIA) 310-D standard for cabinets, racks, panels and associated equipment;
- 3 The cabinet shall be designed with four vertical posts that provide the structural integrity of the cabinet. Rack-mount equipment should be able to be installed on four separate vertical mounting rails;
- 4 All plastic components shall comply with Underwriters Laboratory Specification 94 with V-1 rating or better;
- 5 There shall be no burrs along any surface and any welded joints should be ground and free from weld spatter;
- 6 The cabinet design shall be flexible to allow users to customize the cabinet by ordering major components without having to order a prepackaged design;
- 7 Provisions shall be provided to tie all major cabinet components into the system ground;
- 8 All electrical options or accessories shall be UL/CSA recognized or approved;
- 9 Cabinet designs must meet or exceed all third-party rack requirements for the major server manufacturers;
- 10 Equipment mounting height shall support up to 42U (42 "rack units" within the rack, and a rack unit (or 1U) is defined as 1.75 inches/44.45mm)
- 11 Equipment mounting width shall support 19-inch rack-mount equipment;
- 12 The cabinet shall support a static load (weight, evenly distributed, supported by leveling feet) of at least 1,500lbs (681kg);
- 13 The frame shall be constructed with a minimum of 14-gauge steel. Aluminum frames shall not be allowed. The frame design shall allow for the field attachment of front doors, rear doors, side panels, roofs, and expansion frames without disrupting rack-mount equipment or cables. The frame design shall ship with leveling feet preinstalled;

- 14 The vertical mounting rails shall have infinite depth adjustment in the field. The vertical mounting rails shall be constructed of 14 gauge steel and have square equipment mounting holes or threaded holes. The vertical mounting rails shall have each U space identified by a line at the top and the bottom of each U. The number U space shall be marked on the middle hole of each U. Each U consists of three holes and measures 1.75-inches (44.45mm) high;
- 15 The front door shall be designed with quick-release hinges allowing for easy detachment in the field by one person without the use of tools. The front door shall be designed to be reversible in the field so that it opens from either side. The front door shall be perforated to comply with major server manufacturers' requirements for proper airflow. At a minimum, the perforation pattern shall be 61 percent open;
- 16 The rear door shall be designed with quick-release hinges allowing for quick and easy detachment in the field by one person without the use of tools. The rear door shall be perforated, like the front door, and be designed to be reversible in the field so that it opens from either side;
- 17 Side panels shall be removable in the field by one person without the use of tools. The side panels shall not preclude cable routing along the side of installed rack mount equipment;
- 18 The cabinet shall provide provisions to mount a roof mounted fan tray, and the fan tray shall not encroach on the mounting space. The roof shall be modular in design so style can be changed out without removing cables from grommet panels;
- 19 The cabinet shall ship with four adjustable leveling feet to help provide a stable base while installed on an uneven floor surface and to prevent rolling. The cabinet shall have provisions for adding an anti-tip foot at the factory or in the field;
- 20 Baying or ganging of cabinets shall be accomplished without disturbing any rack mounted equipment or cables. The baying method shall be able to be accomplished quickly by one person using minimal hardware without having to move the cabinet in any special manner. The baying hardware should be provided with every cabinet and not require the purchase of separate kits. The baying or unbaying of any cabinet shall be possible only when access to the cabinet has been granted;
- 21 The cabinet design shall allow a clearance for wiring access of at least three (3) inches between the front vertical mounting rails and the inside surface of the front door. The cabinet design shall allow a clearance for wiring access of at least one and one-half (1.5) inches between the side panel and the vertical mounting rails;
- 22 The recommended routing of cables or power cords, or the mounting of vertical power strips in the rear of the cabinet shall not block the front-to-rear airflow required by servers.

The undersigned bids the following and agrees to all terms and conditions stated herein.	Price EA in US Dollars	Delivery Time Business Days ARO
Unit as specified above. Attach detailed product data sheet. State Make: <u>Wrightline</u> Model <u>Vantage</u> Length <u>36"</u> Width <u>27"</u> Height <u>74"</u>	846.05	2-4 weeks

Optional Equipment Specifications:

Attach complete Product Data Sheets on each:	Price EA in US Dollars
a) Steel lacing or mounting straps available at the rear of both sides of the cabinet to support power strips on both sides and/or cable management (Equal to Wrightline # V3LACN74);	40.71
b) Power strips mountable vertically at the back of the cabinet and containing at least 10 outlets, 15A, 125V (Equal to Wrightline # LPS6015);	221.25
c) A19-inch rack-mountable roll-out shelf, 28-inches deep, with mounting hardware (# Equal to Wrightline V3RS1928);	177.00

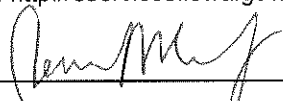
		* Perforated	Solid (opt.)
d)	Front and rear doors in solid and perforated options. Front door and rear doors shall have a handle and lock using a universal key that unlocks the side panel lock. Options for different keyed locks with master override shall be available. (Perforated - Equal to Wrightline # V3P7427L);	\$288.51	405.33
e)	Side panels in solid and perforated options (Equal to # V4PP7436);	\$152.22	131.87
f)	A roof-mounted fan tray (# Equal to Wrightline V4T27364);	253.11	
g)	A grounding strap or bus bar mountable vertically at the back of the cabinet (Equal to Wrightline # V3CBB74);	116.82	
h)	A stabilizing or anti-tip plate that is mountable at the bottom exterior of either side of the cabinet (Equal to Wrightline # V3ATFT00);	35.40	

Prices must be **FOB Destination anywhere within Iowa**, all shipping and handling costs included, **Net 60 days payment terms**. All Product (as priced above) to be new and carry the full USA OEM Warranty. Provide complete product data sheets with bid for all proposed products itemizing all specifications as proposed, plus complete warranty and support details. Contracted Prices shall remain firm for at least two years. Contract(s) will be awarded based on price of units that meet above specifications. The State of Iowa intends to award one contract for each make / model offered that meets the above specifications and only to the one vendor proposing the lowest price on that make / model. Contract(s) may be mutually renewable on an annual basis, not to exceed six years in total contract term, depending upon such factors as satisfactory vendor / product performance, technical support and price escalation history.

The State does not pay tax. Standard State of Iowa Terms and Conditions per attached will apply.

Bid to be valid for 90 days. No part of bid may be marked confidential. Submit signed Federal W9 form with bid.

All questions regarding this bid must be submitted before August 4, 2005 via Email only to: ashley.super@iowa.gov
Updates to this bid will be posted at: <http://eservices.iowa.gov/rfp/> or upon request.

YOUR SIGNATURE (required):  Date: 8/2/05
Name (printed): Denis Mahoney Phone #: 508-852-4300
Company Name: Wright Line LLC Fax #: 508-385-6199
Mailing Address: 160 Gold Star Blvd FEIN # 03-0471268
City State Zip: Worcester, MA 01606
Email Address: denis.mahoney@wrightline.com

Bid must be received in a SEALED ENVELOPE no later than 3:00 PM CT on August 15, 2005
Sealed Envelope must be marked with Bid # and Due Date.

Submit bid only to:

Ashley Super, PAIII
Iowa Department of Administrative Services, GSE
Hoover State Office Bldg, Level A
Des Moines, IA 50319
Fax: 515-242-5974
Ph: 515-281-7073
Email: ashley.super@iowa.gov



Iowa Department of
Administrative Services
General Services Enterprise

Value Enclosure Bid Spec

1.0 General Requirements

- 1.1 The enclosure shall be designed to provide a secure, managed environment for computer, networking and storage equipment
- 1.2 The enclosure shall conform to Electronics Industry Association (EIA) 310-D Standard for Cabinets, Racks, Panels and Associated Equipment. This Standard applies for 19", 23" or 24" rack mount equipment
- 1.3 The enclosure shall be designed with four vertical posts that provide the structural integrity of the enclosure. Rack mount equipment shall be installed on four separate vertical mounting rails
- 1.4 The enclosure shall be available with vertical equipment space of 12U, 25U, 35U, 40U, 42U, 45U, and 50U (1U=1.75"/44.45mm)
- 1.5 All weight bearing components shall be constructed using a minimum of 14 gauge steel
- 1.6 All metal parts shall be painted using a powder coat paint process for maximum appearance, durability and resistance. A variety of color choices shall be available
- 1.7 All plastic components shall comply with Underwriters Laboratory Specification 94 with V-1 rating or better
- 1.8 There shall be no burrs along any surface and any welded joints should be grinded and free from weld spatter
- 1.9 The enclosure shall have a minimum of IP20 rating for protection against touch, ingress of foreign bodies or water
- 1.10 The enclosure design shall be flexible to allow Users to customize the enclosure by ordering every major component that is required in their application without having to order a prepackaged design
- 1.11 Provisions shall be provided to tie all major enclosure components into the system ground
- 1.12 All electrical options or accessories shall be UL/CSA recognized or approved
- 1.13 Enclosure designs must meet or exceed all 3rd party rack requirements for the major server manufacturers (HP, Dell, IBM, Sun at the minimum)

2.0 Physical Specifications

- 2.1 External Height:
The external height will depend on the U space required
- 2.2 External Depth:
The external depth of the enclosure should be flexible to meet the specific field requirements. Standard product should have depth choices (with Front and Rear Doors attached) of 28", 33" and 39". Extension frames shall be offered as options for the purpose of routing cables and/or mounting power strips in the rear
- 2.3 External Width:
The external width of the enclosure should be flexible to meet specific field requirements. Standard product should have a width of 24" (without Side Panels) to maximize floor layout on 24" raised floor tiles. Alternate width of 27" shall be offered
- 2.4 Equipment Mounting Height:
The enclosure design should allow for custom U heights. The vendor shall offer, as standard product, at least a 12U, 25U, 35U, 40U, 42U, 45U, and 50U height enclosure
- 2.5 Equipment Mounting Width:
The enclosure design should allow for mounting widths that conform to EIA-310-D Standard for 19", 23" or 24" rack mount equipment
- 2.6 Weight Capacity:
The enclosure shall support a static load (weight, evenly distributed, supported by the casters and leveling feet) of at least 1,500lbs (681kg). The enclosure shall support a dynamic load (weight, evenly distributed, rolling on the casters) of at least 1,100lbs (500kg). The weight of the standard enclosure shall not exceed 300lbs (136kg)

3.0 Frames

- 3.1 The Frame of the enclosure shall be shipped as a fully welded design to provide the 1,500lb (681kg) load capacity
- 3.2 The Frame shall be constructed with a minimum of 14-gauge steel. Aluminum frames shall not be allowed
- 3.3 The Frame design shall allow the field attachment of Front Doors, Rear Doors, Side Panels, Roofs and Expansion Frames without disrupting rack mount equipment or cables
- 3.4 The Frame design shall allow optional Expansion Frames (adding depth) to be installed in the field
- 3.5 The Frame design shall ship with leveling feet preinstalled. Optional casters can be installed at the factory or in the field and will be of the swivel design to allow the enclosure to be moved by one person (when empty) in tight quarters

4.0 Vertical Mounting Rails

- 4.1 The Vertical Mounting Rails shall be designed to meet EIA-310-D Standard
- 4.2 The Vertical Mounting Rails shall have infinite depth adjustment in the field up to a maximum of 34" on the 36" deep Frame.
- 4.3 The Vertical Mounting Rails shall be constructed of 14 gauge steel and have equipment mounting holes using 0.375" (9.5mm) square holes as standard product. Alternative designs using #10-32 threaded holes constructed with 12 gauge steel shall be available
- 4.4 The Vertical Mounting Rails shall have each U space identified by a line at the top and the bottom of each U. The number U space shall be marked on the middle hole of each U. Each U consists of three holes and measures 1.75" (44.45mm) high
- 4.5 The Vertical Mounting Rails shall have a second set of EIA mounting holes perpendicular to the primary mounting holes to allow devices or cable management to be mounted in the side channel
- 4.6 The 27" wide Frame shall offer Vertical Mounting Rail options that accommodate 19" equipment, 23" equipment, a reversible Rail design that can accommodate both configurations depending on how the Rails are mounted and 24" equipment
- 4.7 The Rack design shall allow multiple sets of Vertical Mounting Rails to be installed in the same rack
- 4.8 Vendor-specific Vertical Mounting Rails (i.e. Sun legacy equipment) shall be available

5.0 Front Door

- 5.1 The Front Door shall be designed with quick release hinges allowing for quick and easy detachment in the field by one person without the use of tools
- 5.2 The Front Door shall be designed to be reversible in the field so that it opens from either side
- 5.3 The Front Door shall open fully allowing unrestricted physical access to the interior
- 5.4 The Front Door shall be perforated to comply with the major server manufacturers' requirements for proper airflow. At a minimum the perforation pattern shall be 61% open
- 5.5 The Front Door construction shall be rugged and reinforced to prevent wobbling when opened
- 5.6 The Front Door shall have a handle and lock using a universal key that unlocks the Side Panel lock. Options for 200 different keyed locks with master override shall be available
- 5.7 Higher security electronic locking systems shall be available as factory installed options such as Kaba Mas locks (self powered friction lock)
- 5.8 The Front Door shall be available in several designs for flexibility:
 - a) Smoked or clear Plexiglas® with perforations
 - b) Fully perforated

6.0 Rear Door

- 6.1 The Rear Door shall be designed with quick release hinges allowing for quick and easy detachment in the field by one person without the use of tools
- 6.2 The Rear Door shall be available in several designs for flexibility:
 - a) Single width, fully perforated
 - b) Split doors, fully perforated
 - c) Single width, fan trays (880cfm)
 - d) Split doors, fan trays (880cfm)
- 6.3 The single width Rear Door shall be designed to be reversible in the field so that it opens from either side
- 6.4 The Rear Door shall open fully allowing unrestricted physical access to the interior
- 6.5 Perforated Rear Door designs shall be perforated to comply with the major server manufacturers' requirements for proper airflow. At a minimum the perforation pattern shall be 61% open
- 6.6 The Rear Door construction shall be rugged and reinforced to prevent wobbling when opened
- 6.7 The Rear Door shall have a handle and lock using a universal key that unlocks the Side Panel lock. Options for 200 different keyed locks with master override shall be available
- 6.8 Higher security electronic locking systems shall be available
- 6.9 Optional fan kits for increased airflow shall be available for single width doors

7.0 Side Panels

- 7.1 Side Panels shall be removable in the field by one person without the use of tools
- 7.2 Side Panels shall have a lock that uses a universal key that unlocks the Front and Rear Doors
- 7.3 The Side Panels shall not preclude cable routing along the side of installed rack mount equipment
- 7.4 The Side Panels shall be available in several designs for flexibility:
 - a) Solid
 - b) Fully perforated
- 7.5 Optional Divider Panels shall be available for field retrofit. These Panels shall provide an added level of security between two bayed enclosures without adding any additional width

8.0 Top Panels

- 8.1 The enclosure shall provide provisions to mount a roof mounted fan tray
- 8.2 The Roof shall be available in several designs for flexibility:
 - a) Solid
 - b) Fully perforated
 - c) Fan tray (440cfm at 120VAC or 220VAC). The Fan Tray shall not encroach on the EIA-310-D mounting space
- 8.3 Roof shall be modular in design so style can be easily changed out without removing cables from grommet panels

9.0 Stabilization

- 9.1 The enclosure shall ship with four adjustable leveling feet to help provide a stable base while installed on an uneven floor surface and to prevent rolling
- 9.2 The enclosure shall have provisions for adding an anti-tip foot at the factory or in the field
- 9.3 The enclosure design shall allow for an optional kit that can be added in the field that provides a Universal Building Code (1997 section 1632) Zone 4 rating

10.0 Baying

- 10.1 Baying or ganging of enclosures shall be accomplished without disturbing any rack mounted equipment or cables
- 10.2 The Baying method shall be accomplished quickly by one person using minimal hardware without having to move the enclosure in any special manner
- 10.3 The Baying hardware should be provided with every enclosure and not require the purchase of separate kits
- 10.4 The Baying or unbaying of an enclosure shall be possible only when access to the enclosure has been granted. External methods compromise security and should not be accepted
- 10.5 Baying enclosures together shall not add any additional width to the layout

11.0 Cable Management

- 11.1 The enclosure design shall allow a clearance for wiring access of at least 3" between the front Vertical Mounting Rails and the inside surface of the Front Door
- 11.2 The enclosure design shall allow a clearance for wiring access of at least 1.5" between the side panel and the Vertical Mounting Rails
- 11.3 Rack-mounted cable management kits shall provide additional horizontal cable management. Kits will be available in heights from 0U to 2U
- 11.4 The recommended routing of cables/power cords or the mounting of vertical power strips in the rear of the enclosure shall not block the front-to-rear airflow required by servers
- 11.5 Optional cable organizers shall be available in 19" or 23" rack mount horizontal or vertical designs

12.0 Packaging

- 12.1 The enclosure shall ship on a wooden pallet
- 12.2 The enclosure shall be secured to the pallet using nylon straps.
- 12.3 The enclosure shall be protected by corrugated corners, top cap and stretch wrap

13.0 Warranty

- 13.1 The enclosure shall carry a lifetime warranty and be free from defects in materials and workmanship. The manufacturer's obligation under this warranty shall be to repair or replace the enclosure at its own sole option. This warranty will not apply in the event of damage caused by accident, negligence or misapplication or if the enclosure or if the enclosure has been altered or modified in any way

14.0 Miscellaneous

- 14.1 The enclosure shall ship with hardware for the mounting of equipment inside the enclosure. Additional equipment mounting hardware kits shall be available as an option
- 14.2 Outline drawings shall be available showing height, width depth, footprint and drill pattern for stabilization options
- 14.3 A full line of rack mount Accessories (EIA 19" ,23"and 24") shall be offered that include, but not limited to:
 - a) Rack mount Fixed Shelves with a 400lb weight rating
 - b) Rack mount Sliding Shelves with a 150lb weight rating
 - c) Cable Management devices
 - d) Filler Panels
 - e) Keyboard Drawers
 - f) Power Distribution Strips
 - g) Keyboard-Video-Mouse Switches

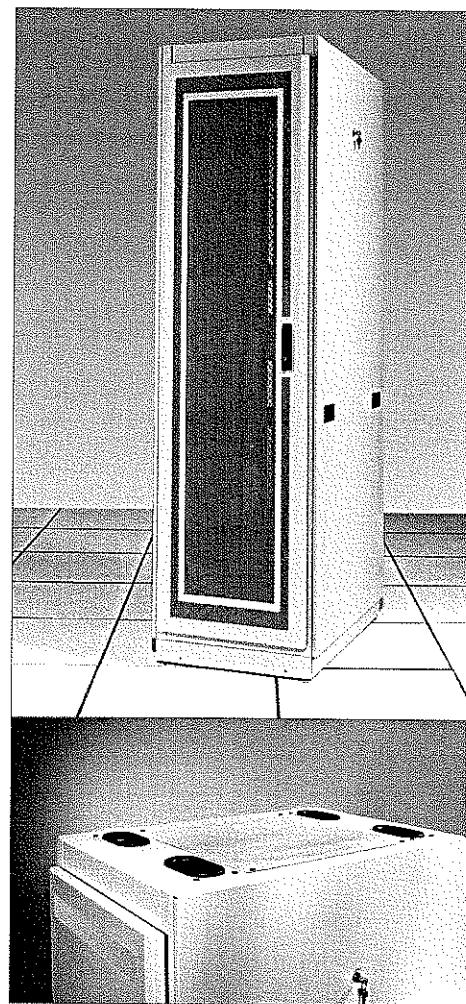
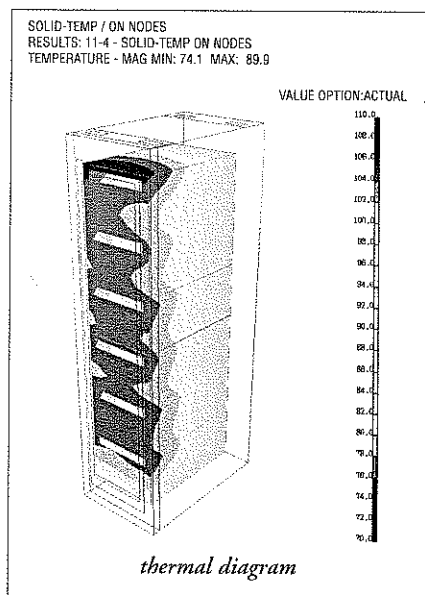
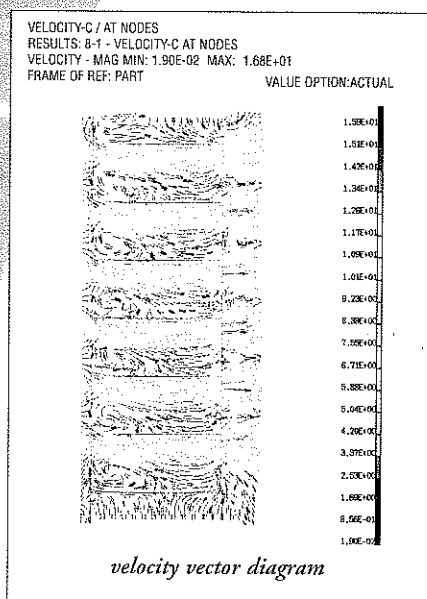
Protection & Compatibility

The APW-Wright Line team works closely with server manufacturers, providing quick and ready access to their new product development and enhancements. We understand this dynamic market and our solutions reflect it.

Thermal management of densely packed equipment is a must for ensuring reliability of mission-critical networks.

Our engineering team evaluates the latest technological advances of all leading equipment manufacturers, on an ongoing basis, to ensure that our enclosures continually provide sufficient airflow and thermal management.

Fully-perforated doors and top ensure adequate cooling, providing the front-to-back airflow required by today's rack-mount servers.

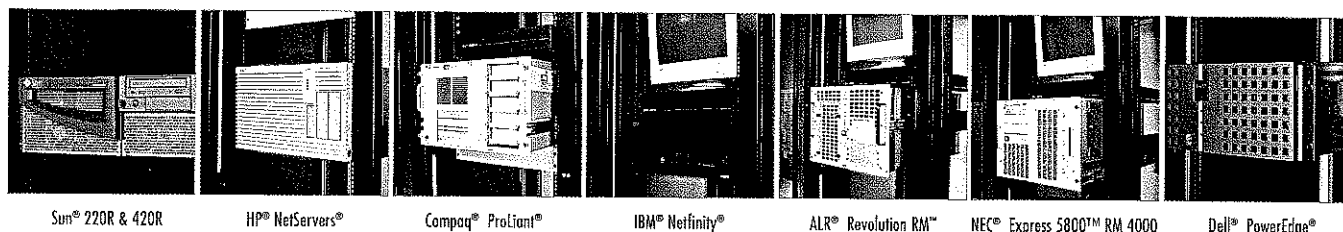


The velocity vector diagram illustrates the front to back airflow required by today's rack-mount servers.

The thermal diagram represents temperature gradients inside a Vantage enclosure configured with fully perforated top, front and rear doors and solid side panels.

Multi-Vendor Compatibility

Vantage enclosures allow hassle-free installation of virtually any rack-mount server.



Sun® 220R & 420R

HP® NetServers®

Compaq® ProLiant®

IBM® Netfinity®

ALR® Revolution RM™

NEC® Express 5800™ RM 4000

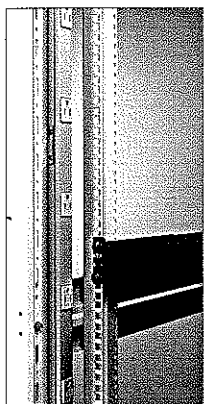
Dell® PowerEdge®



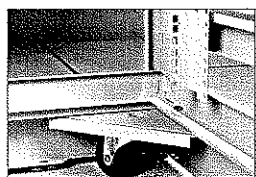
800-225-7348 • www.wrightline.com • info@wrightline.com

Features & Accessories

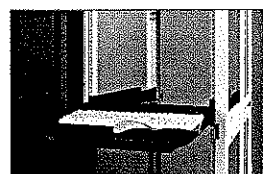
With a wide variety of components and accessories, the Vantage enclosure can be custom configured to suit your needs.



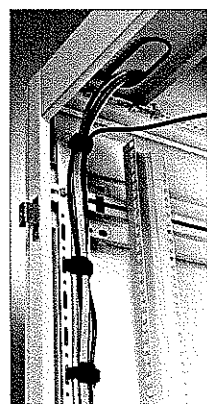
Power outlet strips distribute 15 or 20 amps of 120V AC power vertically in the enclosure. Power strip shown mounted to lacing bar. (ordered separately)



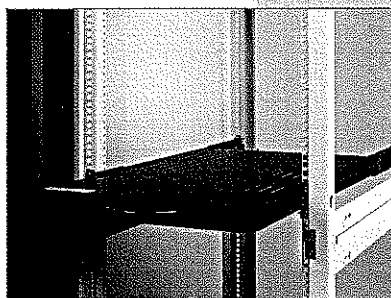
Optional full swiveling casters with 2 3/4" diameter wheels offer ease of mobility.



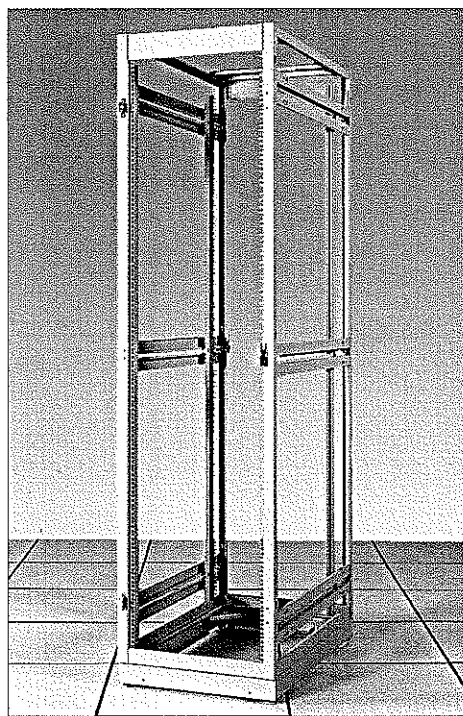
Swivel keyboard tray rotates 90° for full retraction.



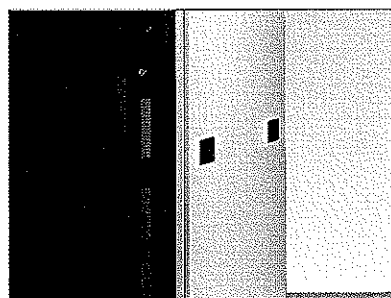
Velcro cable ties used with a lacing bar neatly organize cables.



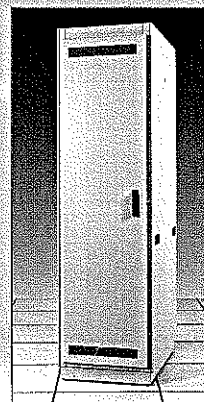
Shelves are available fixed or rollout for easy access.



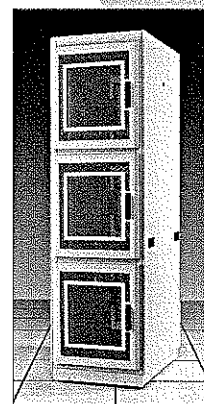
Vantage's steel frame is fully welded, with a load capacity of up to 2,000 lbs when ganged. Individual frame weight load capacity is 1,500 lbs.



Access equipment quickly using lift-off handles to remove side panels.



High-strength steel pin hinges allow easy door removal. And, all doors are reversible.



Perforated doors when used with solid side panels allow maximum front-to-back ventilation.

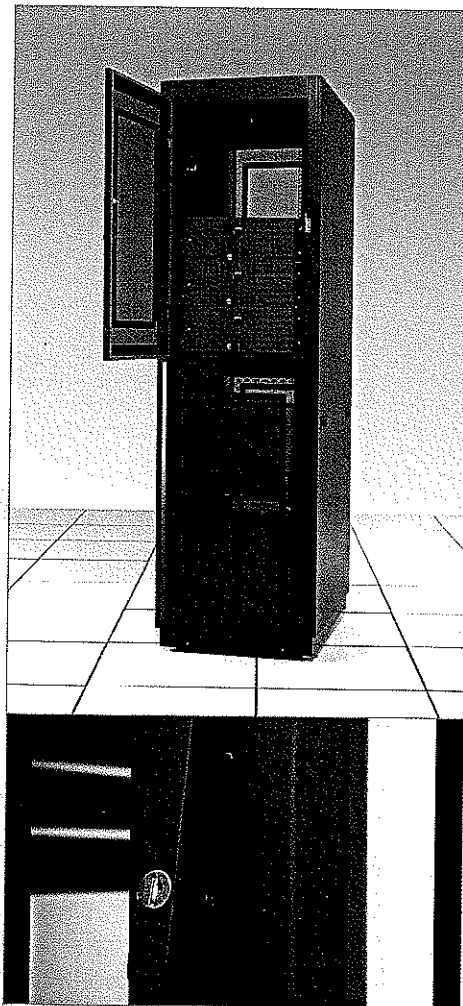


Doors are available vented, perforated or Lexan® with perforated perimeters.

Co-location Solutions

As more and more companies realize the benefits of co-locating their servers to facilities providing connectivity to the Internet, the demand for a secure enclosure is greater than ever. Vantage enclosures are the most flexible and secure co-location solution available on the market today.

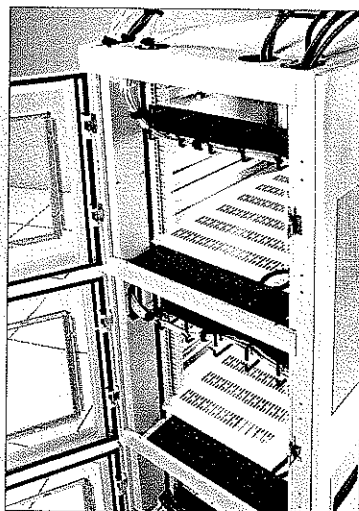
- Two- and three-bay configurations allow multiple clients to share one enclosure.
- Separate and tamper-free power and data distribution to each bay assures your customer that their data and equipment will be safe and secure.
- Additional security is available by utilizing locks on side panels and front and rear doors.
- Vantage enclosure's minimal 24" wide footprint provides necessary real-estate savings in today's costly data center environments.



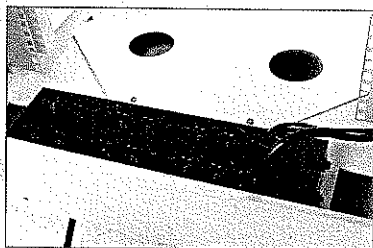
Lift and turn handles offer different keying combinations.



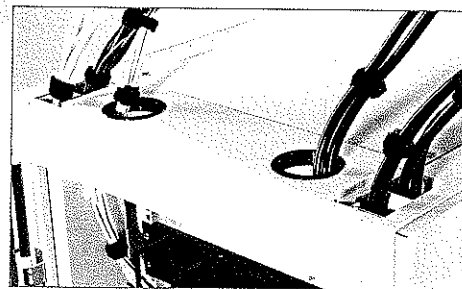
Removable covers allow cable installation and maintenance by facilities personnel with access to two or more bays.



Secure, separate cable management is provided to each bay as shown here with different colored cables.



Power shown at the bottom of the unit illustrates openings for cable duct mounting and direct entry when cables enter from the floor.



Separate, cable entry locations into the enclosure are provided for data and power. Reversible cable troughs allow secure cable routing from either the floor or the ceiling, or from a combination of both.